

# »» Integrated Technical Education Cluster (ITEC) - Assiut

An Egyptian example for qualification and training in the TVET  
sector

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## »» Index

1	Technical Education and Training in Egypt– Significance of TVET
2	Starting point- Addressing TVET specific problems
3	Integrated Technical Education Clusters - Concept
4	ITEC Assiut
5	Lessons Learnt and the way forward

# »» Technical Education and Training in EGypt

## Significance of TVET

- Unemployment rate 30%
- 850,000 new entrants to the labor market per year
- Mismatch between labor supply and demand
- Political priority for
  - › the Egyptian Government (TVET sector reform)
  - › the German Government (new area for German Development Cooperation)

## »» Starting Point - Addressing TVEt specific problems

Finding innovative solutions

### Structural problems facing TVET in Egypt (Substandard reputation)

- › Low quality of curriculum and teacher training
- › Insufficient cooperation with the private sector
- › False expectations of TVET graduates
- › Social standing without an academic degree
- › Restricted freedom in choosing the TVET track

### Remedies

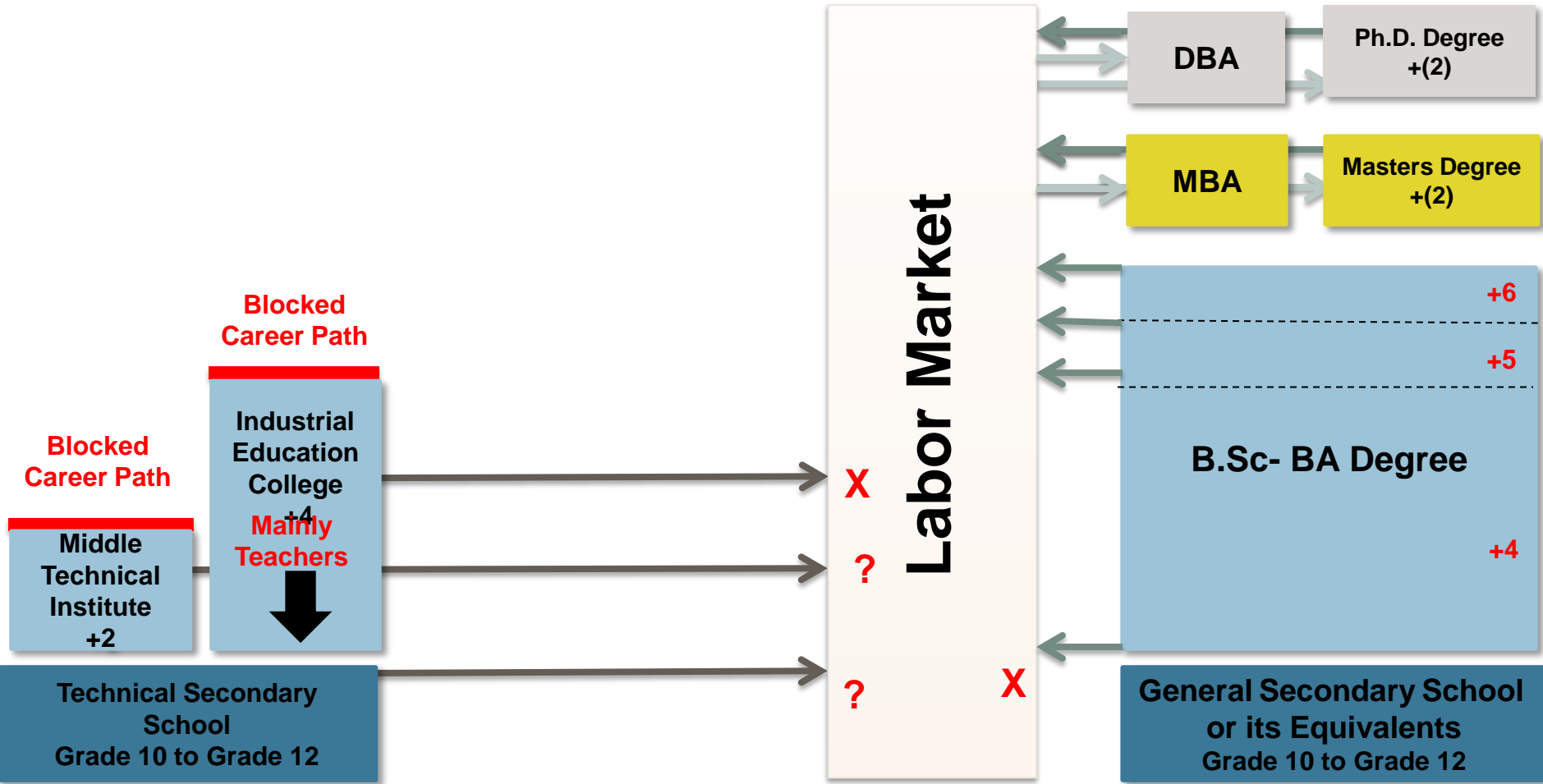
1. Rehabilitation and modernization of infrastructure and equipment
2. Promoting **public and private** sector cooperation
3. Adaptation to labor market demand through **labor market studies**
4. Strengthening the **permeability** of TVET

# »» Integrated Technical Education Cluster- Concept

## Vocational & Technical Path

## Professional Degree

## Academic Path



Grade 1 to Grade 9

# Technical University

# Academic University

>>>

## Vocational & Technical Path

## Professional Degree

## Academic Path

Doctorate of Technology

Master of Technology

DBA

Ph.D. Degree + (2)

MBA

Masters Degree + (2)

Blocked Career Path

Industrial Education College +4  
Mainly Teachers

Blocked Career Path  
Middle Technical Institute +2

Technical Secondary School  
Grade 10 to Grade 12

**ITEC**  
Advanced Technical College  
B. of Technology +2  
Technical College  
Technical Diploma +2  
Technical Secondary School

Labor Market

+6  
+5  
B.Sc- BA Degree  
+4

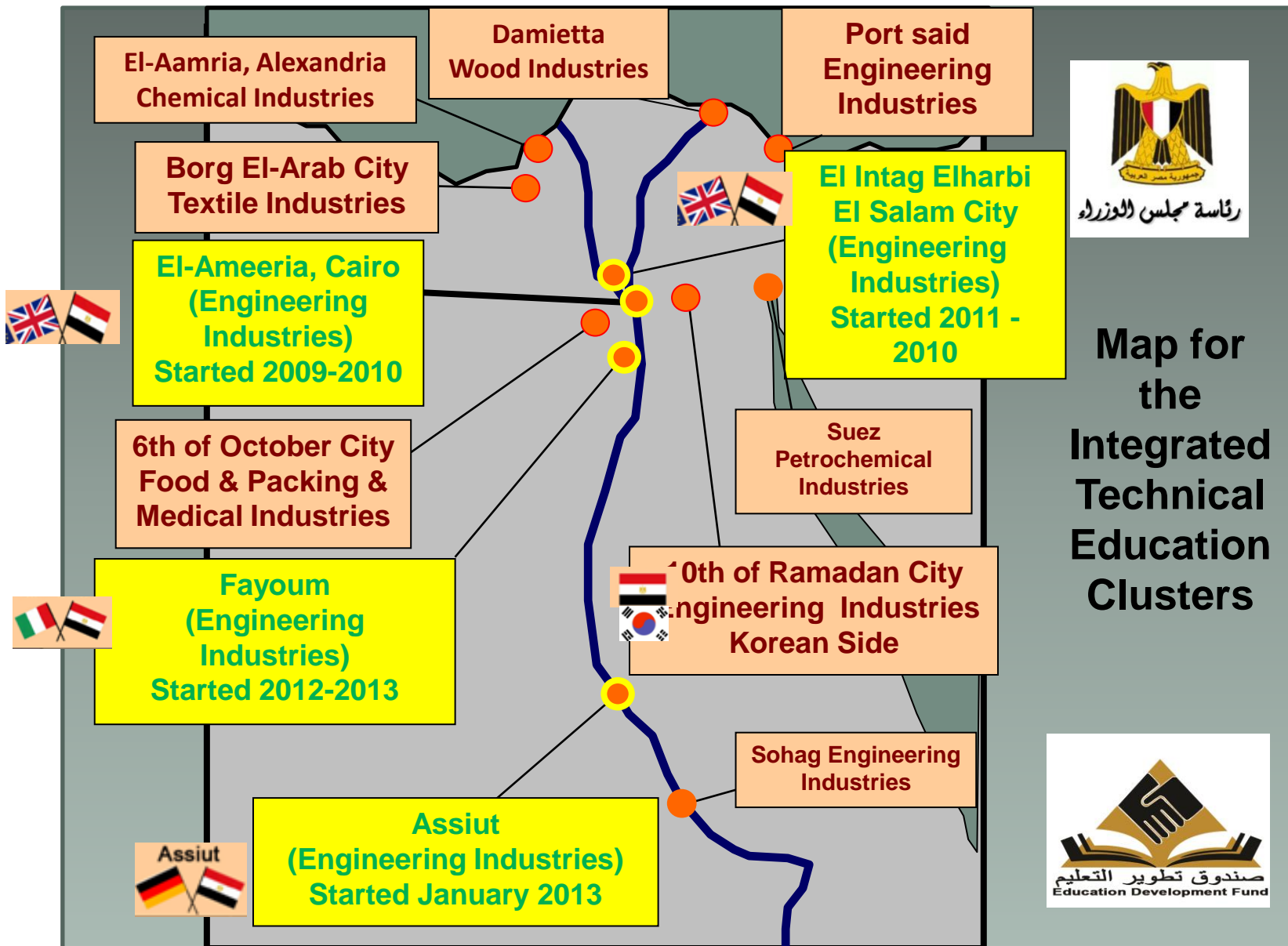
General Secondary School or its Equivalents  
Grade 10 to Grade 12

Grade 1 to Grade 9

X  
?  
?

X

# »» ITECS National Network



Map for the Integrated Technical Education Clusters



# »» Integrated Technical Education Cluster- Assiut

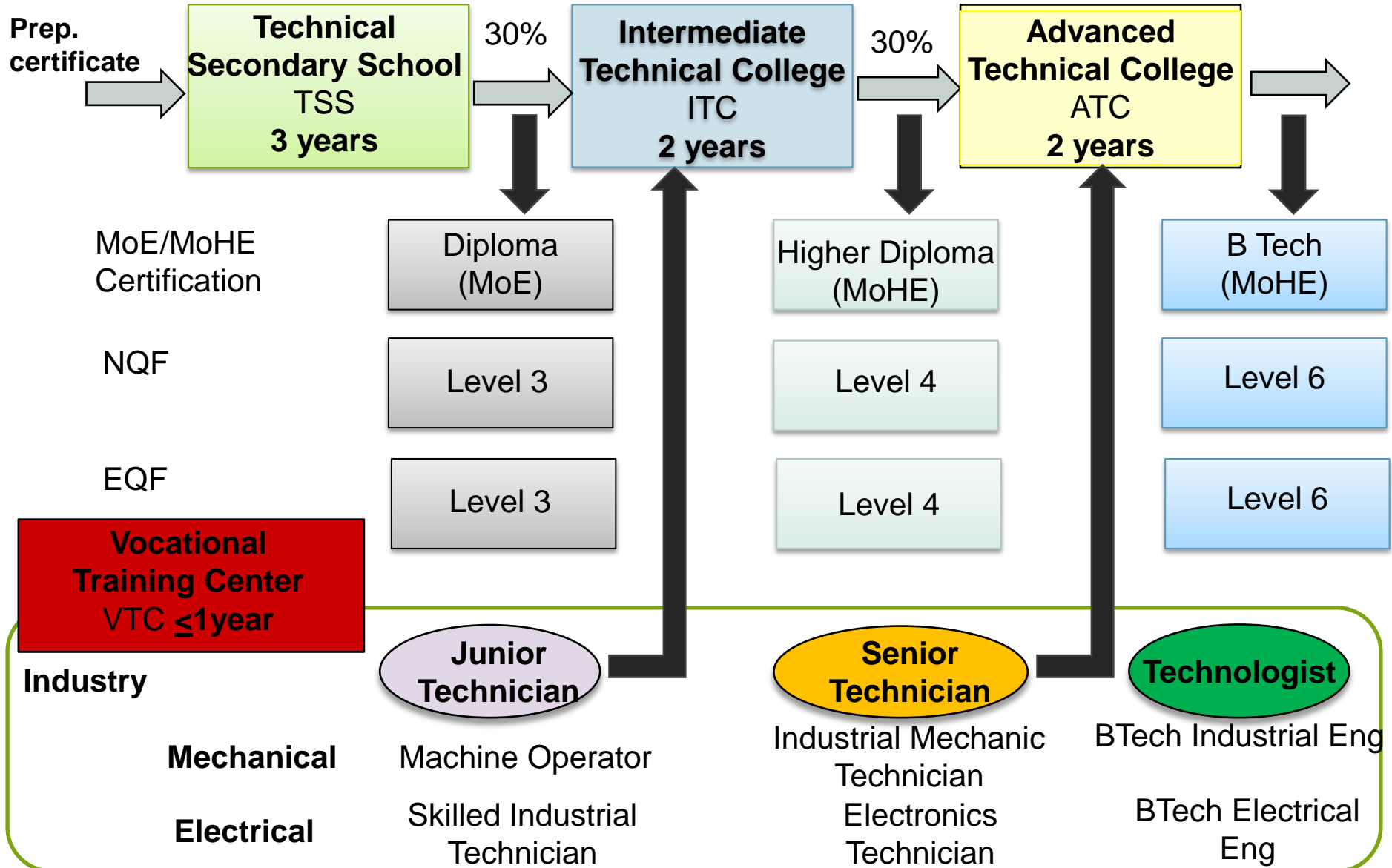
## Project Information

- **Total funding:** EUR 20 Mio (German-Egyptian Debt Swap) via KfW
- **Implementing partner:** Education Development Fund (EDF)
- **Education partner and Consultant:** State Academy for In-service Training and Human Resource Development and IP Consult
- **Field:** Electrical and Mechanical
- **Implementation start date:** January 2013
- **MoE contribution:** 20000m<sup>2</sup> Assiut Secondary Mechanical School
- **Objective:** ITEC- Assiut shall provide the material and human resources, organizational capacity and market integration to establish and maintain demand-led training to the region through and optimal utilization of all resources



# »» Integrated Technical Education Cluster - Assiut

Structure, levels and certificate recognition



## »» Integrated Technical Education Cluster- Assiut

### Lessons learnt and the way forward

- Importance of an in-depth labor market study for the region of implementation
- Political will: discussion on Bachelor of Technology and the expansion of the ITEC network
- Involvement of the industry and matching certificates with in-company placements
- ITEC is a potential educational model for upcoming project: Center of Excellence in TVET (RE school)

»» Thank you for your attention!

Questions?

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